[0079] If desired, the different functions discussed herein may be performed in a different order and/or concurrently with each other. Furthermore, if desired, one or more of the above-described functions may be optional or may be combined.

[0080] Although various aspects of the invention are set out in the independent claims, other aspects of the invention comprise other combinations of features from the described embodiments and/or the dependent claims with the features of the independent claims, and not solely the combinations explicitly set out in the claims.

[0081] It is also noted herein that while the above describes example embodiments of the invention, these descriptions should not be viewed in a limiting sense. Rather, there are several variations and modifications which may be made without departing from the scope of the present invention as defined in the appended claims.

1. A method comprising

monitoring deformation of a flexible electronic apparatus; wherein said monitoring of deformation comprises

detecting changes in space within the apparatus between at least two measurement points; and

determining degree of deformation of the apparatus based on the detected changes in the space within the apparatus between the at least two measurement points.

2. A method according to claim **1**, wherein said at least two measurement points reside in at least two different parts of the apparatus, wherein said at least two parts are configured to move in relation to one another to allow deformation of the flexible electronic apparatus.

3. A method according to claim **1**, wherein said at least two measurement points reside on different surfaces of one deforming part of the apparatus.

4. A method according to claim **1**, wherein said at least two measurement points reside inside the apparatus.

5. A method according to claim **1**, wherein at least one of the two measurement points resides on a cover part of the apparatus.

6. A method according to claim **1**, wherein said at least two measurement points are different points in time domain.

7. A method according to claim **1**, wherein said detection of changes in space within the apparatus comprises detecting relative movement of the at least two measurement points in relation to one another.

8. A method according to claim **1**, wherein said detection of changes in space within the apparatus comprises detecting a change in distance between the at least two measurement points.

9. A method according to claim **1**, wherein said detection of changes in space within the apparatus comprises detecting a gap between the at least two measurement points.

10. A method according to claim **1**, wherein said detection of changes in space within the apparatus comprises detecting a contact between the at least two measurement points.

11. A method according to claim **1**, wherein said detecting of changes in space within the apparatus comprises detecting a change in forces experienced between the at least two measurement points.

12. A method according to claim **1**, wherein said detection of changes in space within the apparatus comprises detecting changes in pressure experienced within the apparatus.

13. A method according to claim **1**, wherein said apparatus comprises a cavity filled with any one of a fluid and a gas within the apparatus and said detection of changes in space within the apparatus comprises detecting changes in pressure experienced by any one of the fluid and the gas within the cavity.

14. A method according to claim **1**, wherein the apparatus comprises elastic material between the at least two measurement points and said detection of changes in space within the apparatus comprises detecting changes within the elastic material.

15. A method according to claim **1**, wherein said detection of changes in space within the apparatus is performed by using contactless measurement technology.

16. A method according to claim **1**, wherein said apparatus comprises a touch screen and said detection of changes in space within the apparatus comprises detecting changes in capacitive environment of the touch screen.

17. An apparatus comprising:

an apparatus structure configured to allow deformation of the apparatus;

detection equipment configured to detect changes in space within the apparatus between at least two measurement points; and

a processing unit configured to determine degree of deformation of the apparatus based on the detected changes in the space within the apparatus between the at least two measurement points.

18. An apparatus according to claim **17**, wherein said detection equipment is configured to detect changes in distance between the at least two measurement points.

19. An apparatus according to claim **17**, wherein said detection equipment is configured to detect a change in forces caused between the at least two measurement points.

20. An apparatus according to claim **17**, wherein said detection equipment comprises contactless measurement equipment.

21. An apparatus according to claim **17**, wherein said detection equipment comprises at least one magnet and magnetometer pair.

22. An apparatus according to claim **17**, wherein said detection equipment comprises at least one capacitive sensor.

23. An apparatus according to claim **17**, wherein said detection equipment comprises at least one inductive sensor.

24. An apparatus according to claim **17**, further comprising at least one touch screen configured to provide a user interface and said touch screen is configured to operate as the detection equipment and to detect changes in capacitive environment of the touch screen changes in space within the apparatus.

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